

### Abstract

The invention relates to the provision of apparatus and a method for the tuning to one of a range of radio frequency signals to receive data which can subsequently be used to generate a radio or television channel selected by the user of the apparatus. The bit error rate of the output of the received radio frequency signal is monitored and, if the bit error rate exceeds the predefined bit error rate limit the apparatus is retuned to a frequency which is equivalent to the selected radio frequency signal plus or minus an offset frequency value. The bit error rate is thereafter monitored and an increase in the offset can be used if required. The invention allows a reduction in data errors which may be caused by interference from other apparatus.